



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4386

SERIAL NUMBER 10/612,866	FILING DATE 07/02/2003 RULE	CLASS 164	GROUP ART UNIT 1725	ATTORNEY DOCKET NO. 02-2453
-----------------------------	---------------------------------------	--------------	------------------------	--------------------------------

APPLICANTS

Paula L. Kolek, Tarentum, PA;
 David H. DeYoung, Export, PA;
 David J. Roha, Greensburg, PA; Patricia A. Stewart, Pittsburgh, PA;
 Michael A. Easley, Arnold, PA;
 Jorge A. Ramos Cruz, Vandergrift, PA;
 Larry F. Wieserman, Apollo, PA;

** CONTINUING DATA *****
none (C)

** FOREIGN APPLICATIONS *****
none (C)

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 09/30/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature: <i>[Signature]</i> Initials: <i>[Initials]</i>	STATE OR COUNTRY PA	SHEETS DRAWING 20	TOTAL CLAIMS 28	INDEPENDENT CLAIMS 4
--	--	------------------------	-------------------------	-----------------------	----------------------------

ADDRESS
 08840
 ECKERT SEAMANS CHERIN & MELLOTT, LLC
 ALCOA TECHNICAL CENTER
 100 TECHNICAL DRIVE
 ALCOA CENTER, PA
 15069-0001

TITLE
 Control of oxide growth on molten aluminum during casting using a high moisture atmosphere

FILING FEE RECEIVED 978	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: .	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---